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Pervaporation, Gas Separations,

and Perstraction With Permeate and Sweep Fluid Conduit and Method of Use

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this response is being electronically filed this 3d day of January, 2007, and goes to Mail Stop Amendment, Commissioner for Patenta, P.O. Box 1450, Alexandria, VA 22313-1450.

Brian M. Dingman

RESPONSE

This is a response to the outstanding office action in the subject application.

Amendments to the Claims begin on page 2; and

Remarks begin on page 5.